<u>In the Specification</u>

Please amend the specification as follows:

Please replace the section entitled "BRIEF DESCRIPTION OF
THE DRAWINGS" with the following:

5   **BRIEF DESCRIPTION OF THE DRAWINGS**

The file of this patent contains at least one drawing
executed in color. Copies of this patent with color drawings
will be provided by the Patent and Trademark Office upon
request and payment of the necessary fee.

10   Figure 1 is a print of an image that has a very bright
object adjacent to a large uniform area.

Figure 2 is a plot of the log intensity values in a
narrow region from figure 1.

Figure 3 is a print of the image of figure 1 after
15   modification with a method using equation 3 according to the
present invention.

Figure 4 is a plot of the log intensity values in a
narrow region from figure 3.

Figure 5 is a print of an image where the LUT was the
20   same for each distance between different areas in the image.

Figure 6 is a print of an image where the LUT was
different for some distances between different areas in the
image according to the present invention.

Figure 7 is a plot of a tone map with a dead band at the origin in accordance with the present invention.

Figure 8 is a plot of the log intensity values of an image with different scalar multipliers in accordance with the
5   present invention.

Figure 9 is a flowchart of an exemplary operation for changing the dynamic range of an original image to more closely match the dynamic range of the medium used for a reproduction.

10   Please insert the following paragraph at page 13, line 3, immediately preceding the paragraph beginning "The foregoing description of the present invention has been presented for purposes of illustration ...":

Referring now to figure 9, an exemplary operation for
15   changing 900 the dynamic range of an original image to more closely match the dynamic range of the medium used for a reproduction is illustrated. The exemplary operation includes modifying 902 the contrast differences between different areas of the original image as a function of the distance between
20   the different areas, and limiting 904 the maximum contrast differences between different areas of the original image, where the limit is a function of the distance between the different areas.